

Figure 1

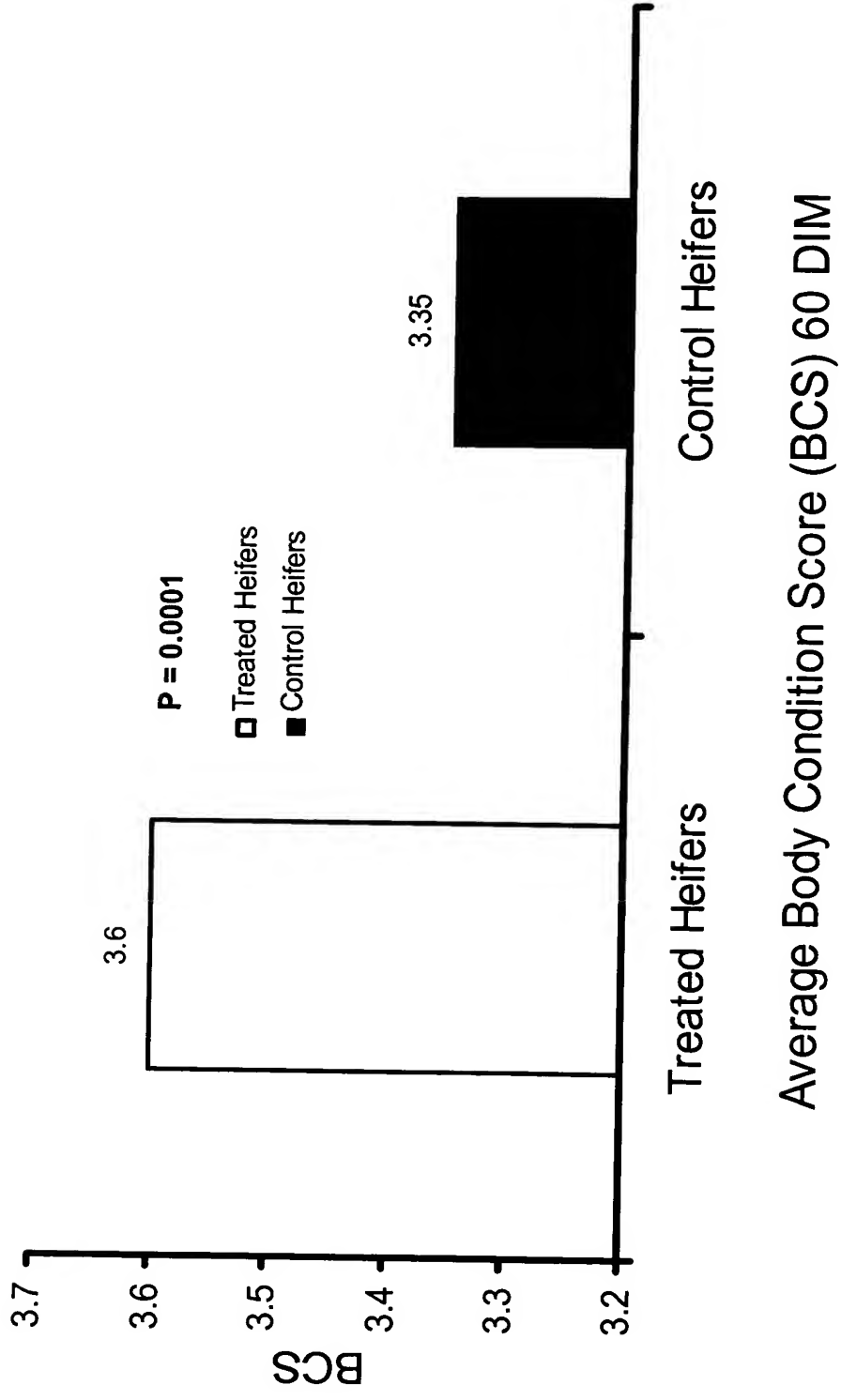


Figure 2

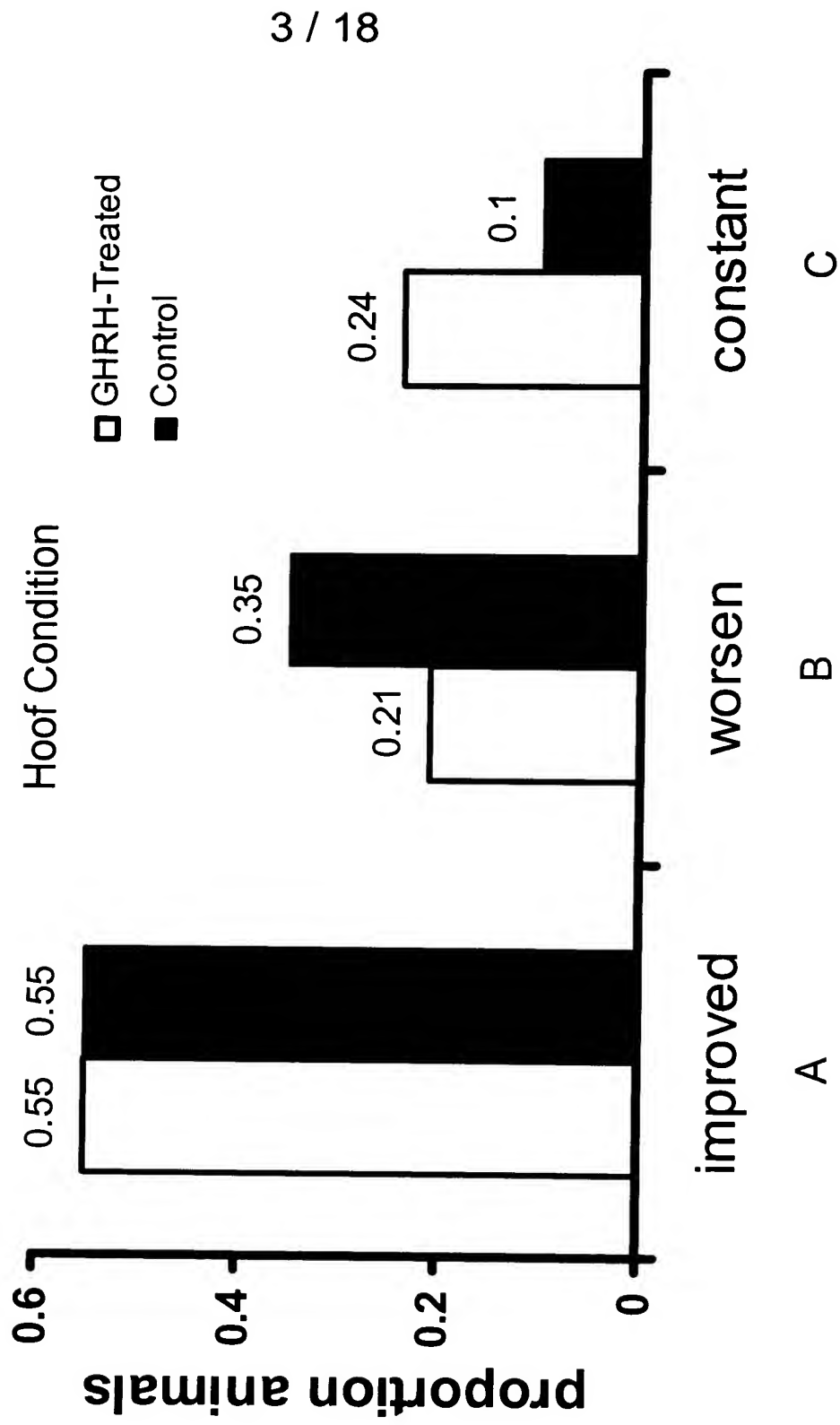


Figure 3

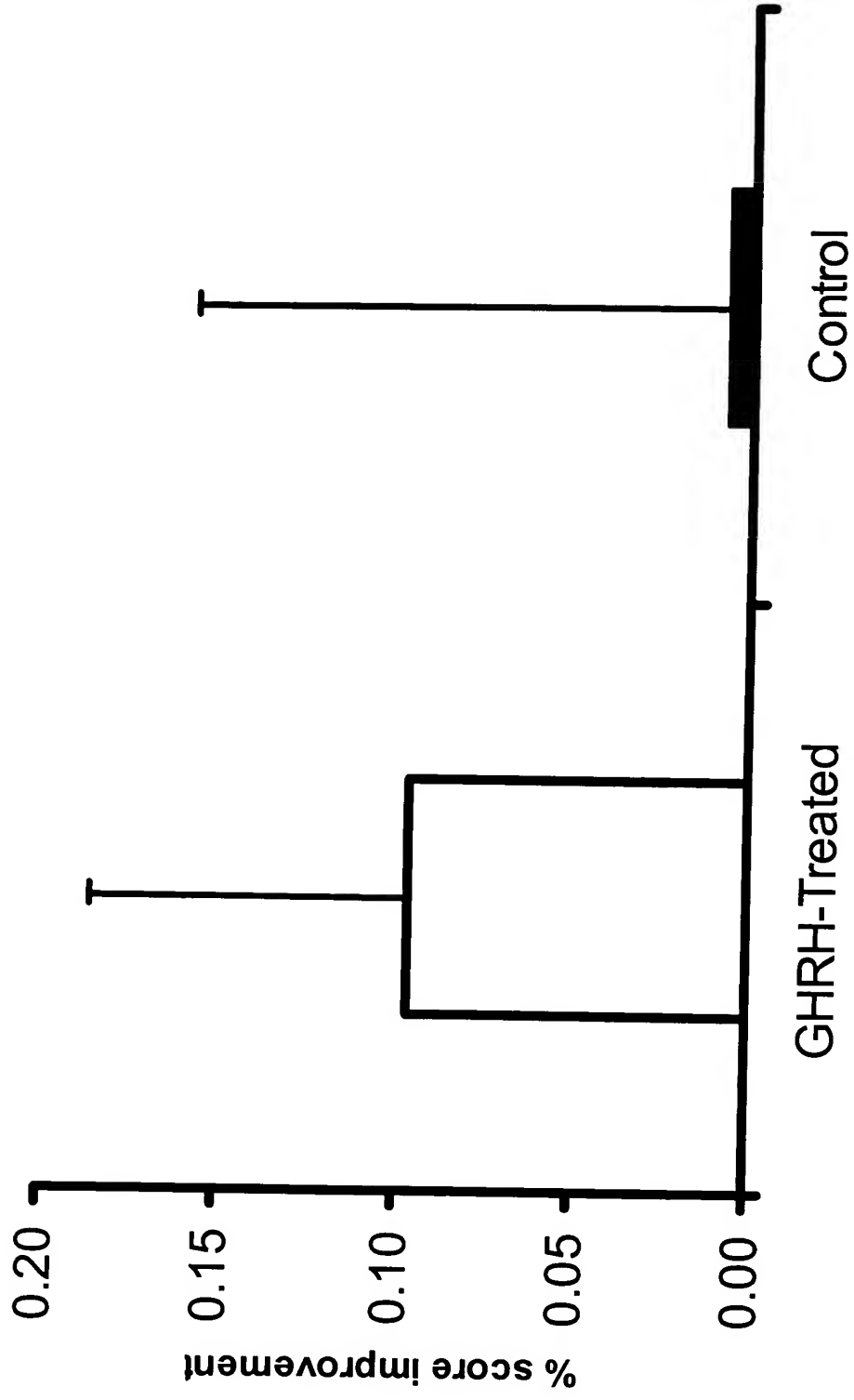


Figure 4

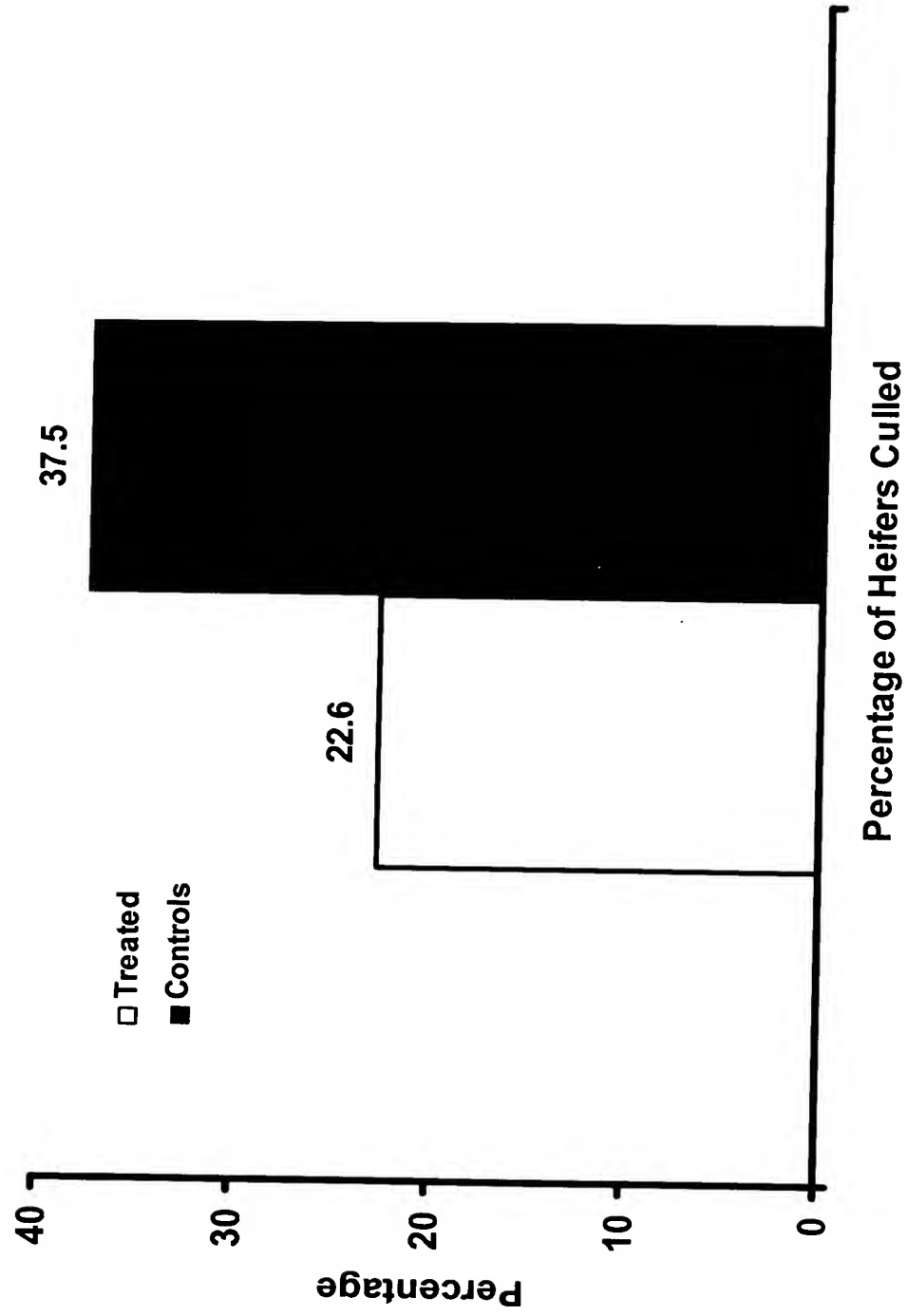


Figure 5

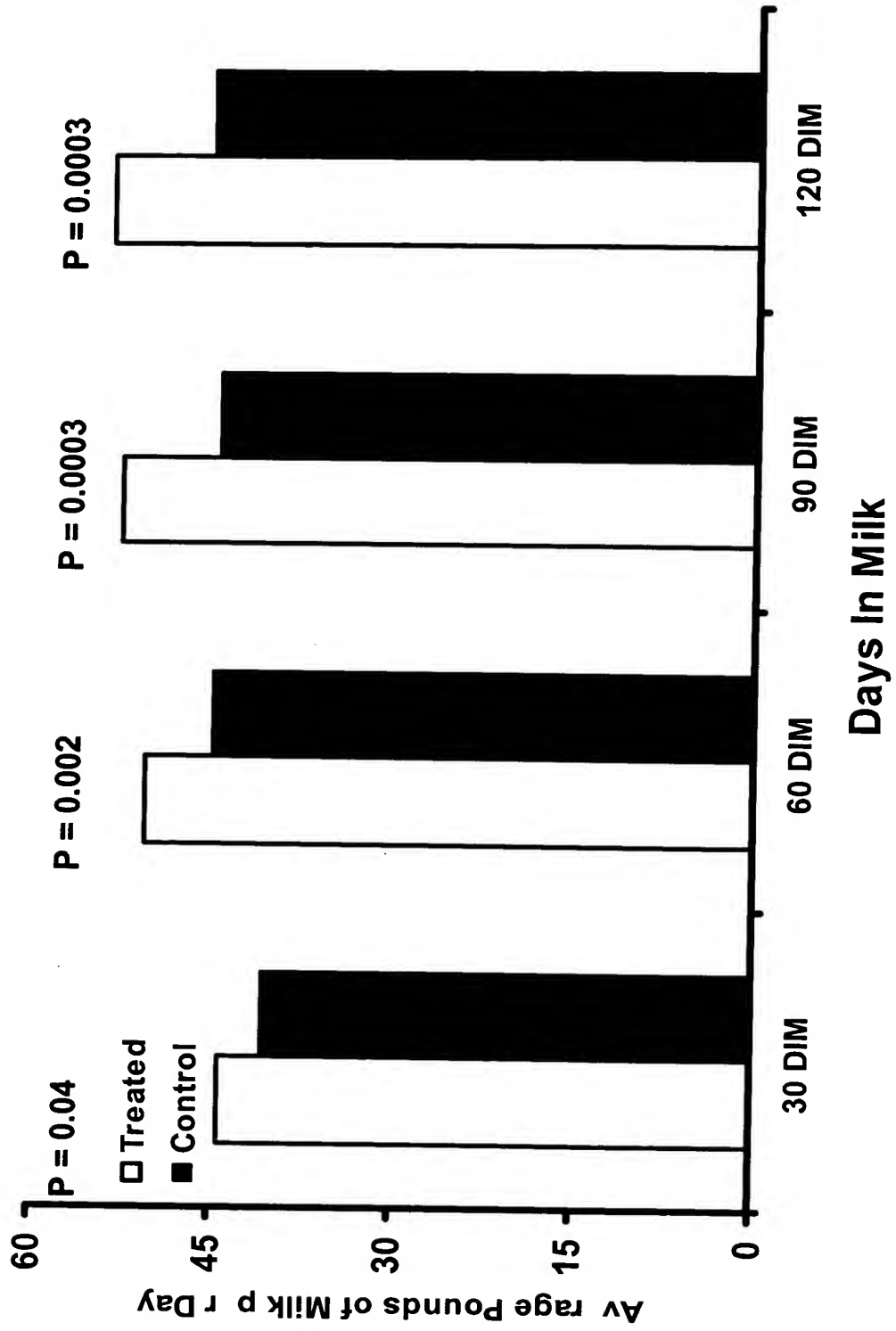


Figure 6

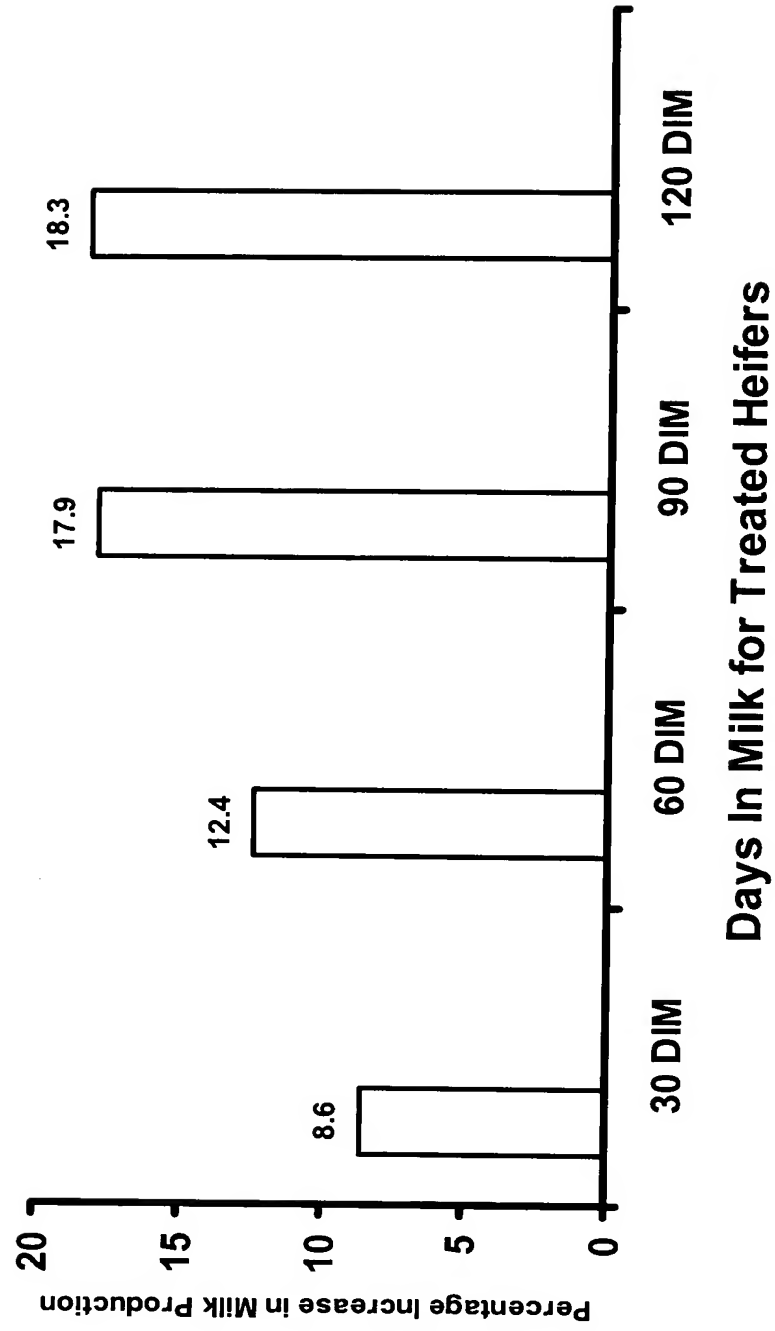


Figure 7

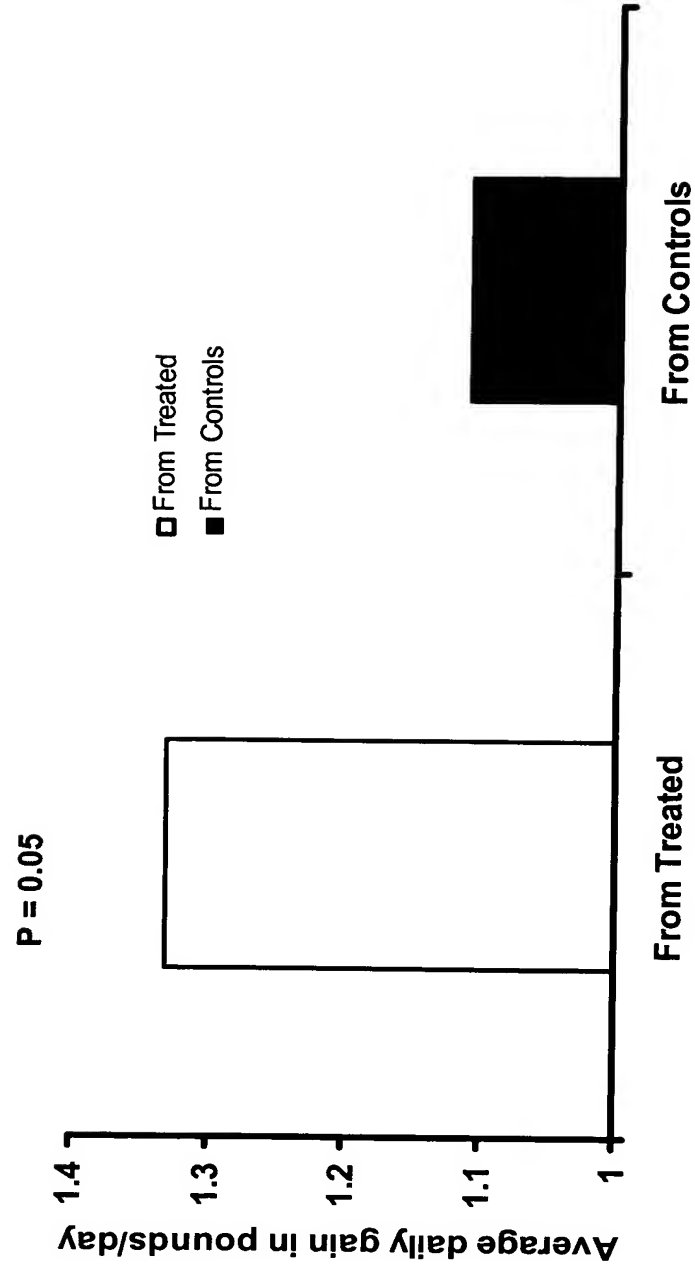


Figure 8

Increase Annual Income from additional milk

9A

First and Second Parity – cost of treatment (\$110/cow/year)

#Milk/day/cow	\$0.12/# milk (per cow)	\$0.14/# milk (per cow)	\$0.12/# milk 350 cows	\$0.14/# milk 350 cows
8	\$188	\$284	\$65,800	\$99,400
12	\$468	\$620	\$163,800	\$217,000

Assumptions: 300 DIM, minus additional feed costs for increased intake

9B

First, Second and Third Parity – cost of treatment (\$110/cow/year)

#Milk/day/cow	\$0.12/# milk (per cow)	\$0.14/# milk (per cow)	\$0.12/# milk 350 cows	\$0.14/# milk 350 cows
8	\$282	\$426	\$98,700	\$149,100
12	\$702	\$930	\$245,700	\$325,500

Figure 9

Savings based on reduced number of Involuntary culls

Treatment	Involuntary Cull %	Actual Number Replacement Heifers	Replacement Cost
No	20	80	\$128,000
Yes	3	12	\$19,200
		Delta	\$108,800

Assumptions; Herd size 400; Replacement cost/cow = \$1,600

Figure 10

HEIFERS PAIRED FOR PARITY AND CALVING DATE INDIVIDUAL LBS MILK/DAY (60 DIM)

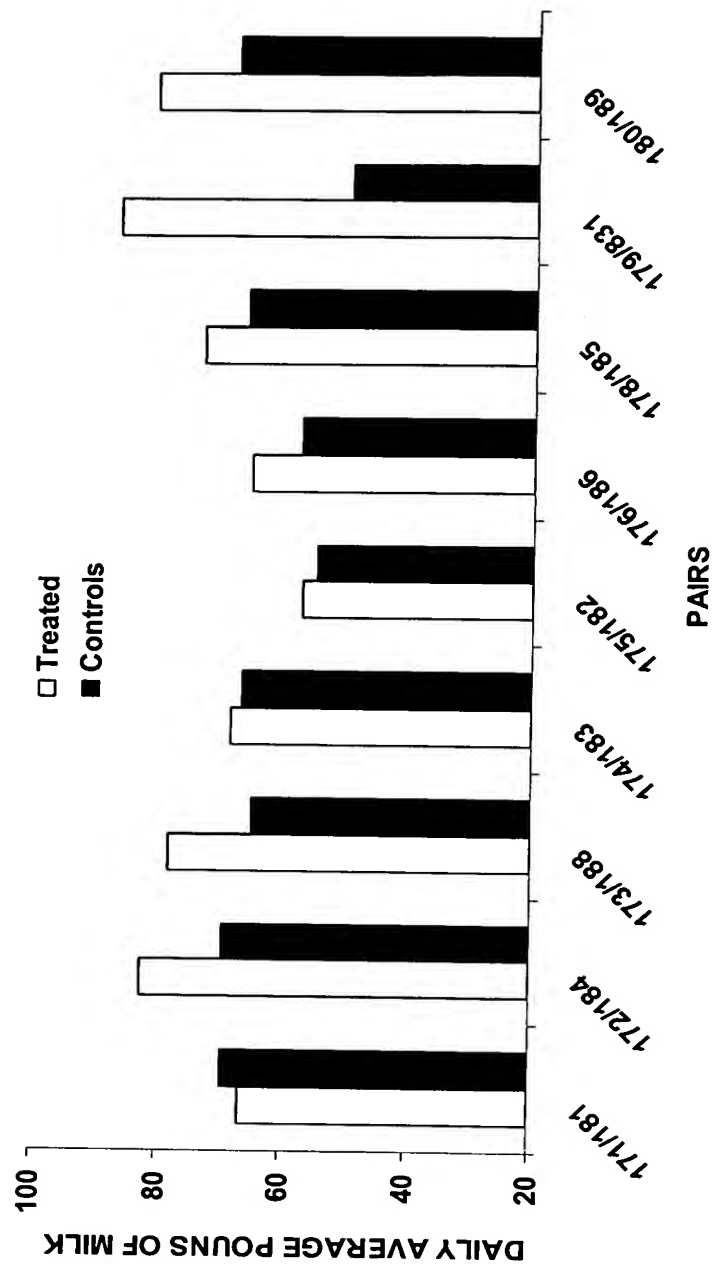


Figure 11

HEIFERS PAIRED FOR PARITY AND CALVING DATE AVERAGE LBS MILK/DAY (60 DIM)

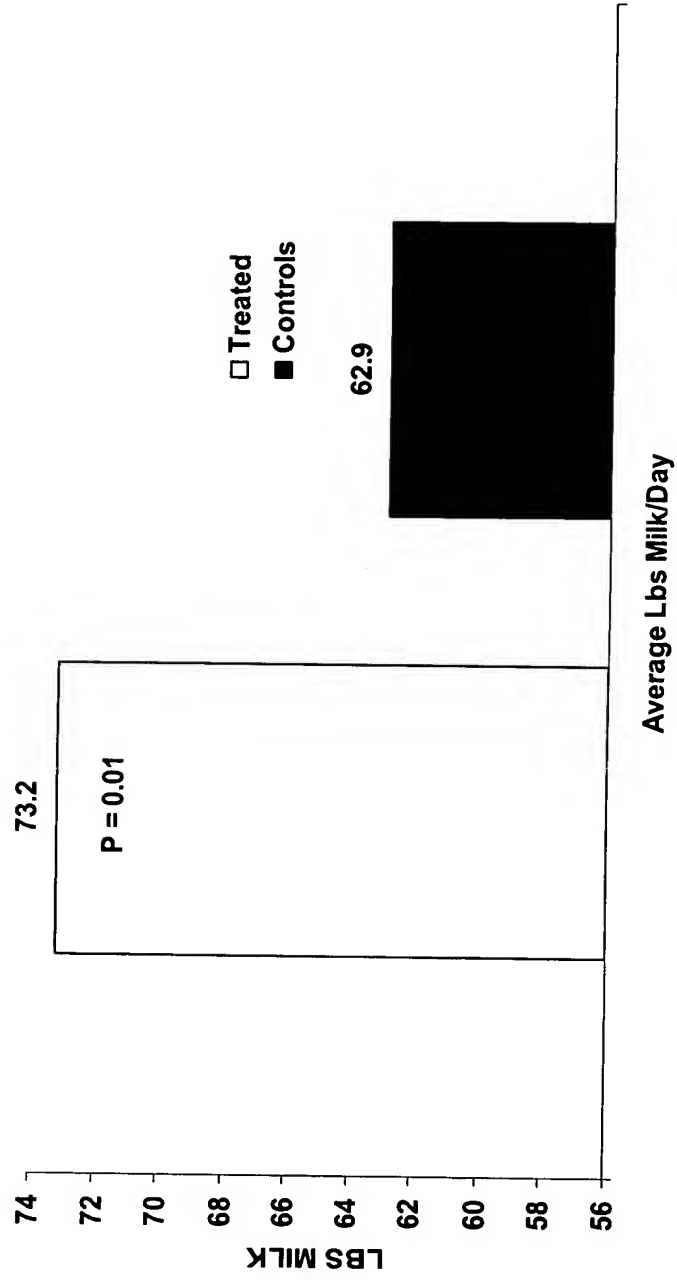


Figure 12

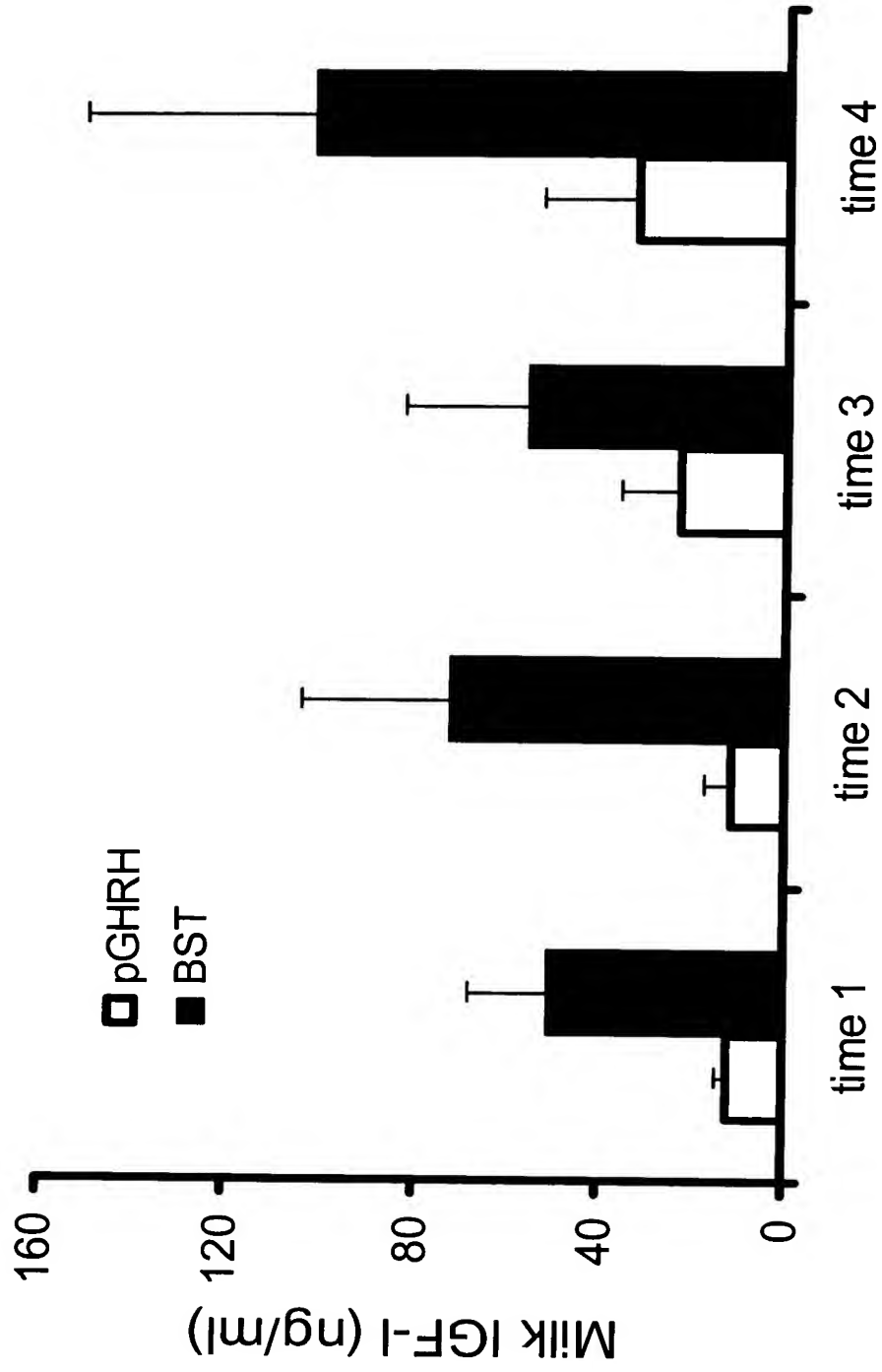


Figure 13

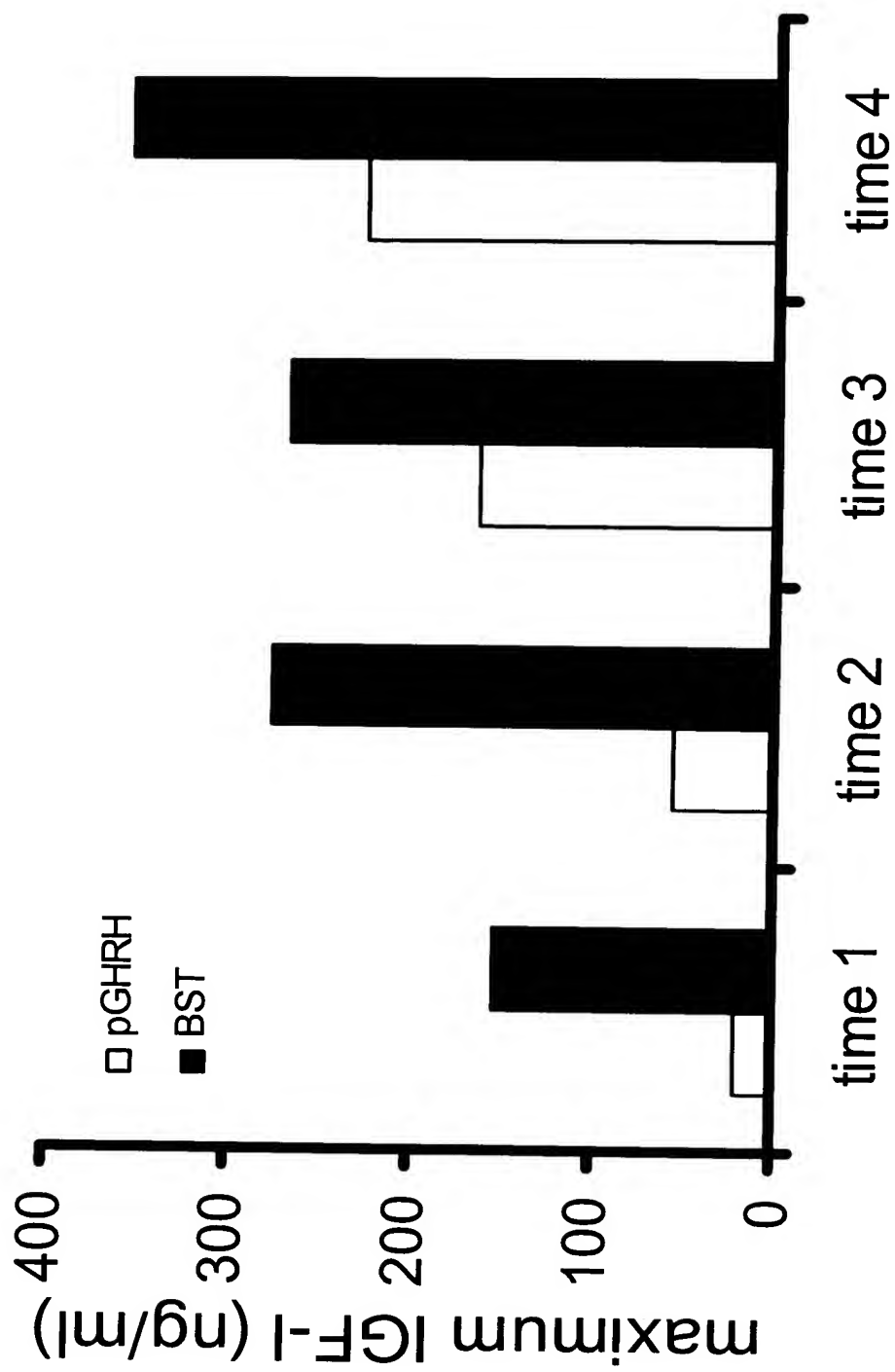
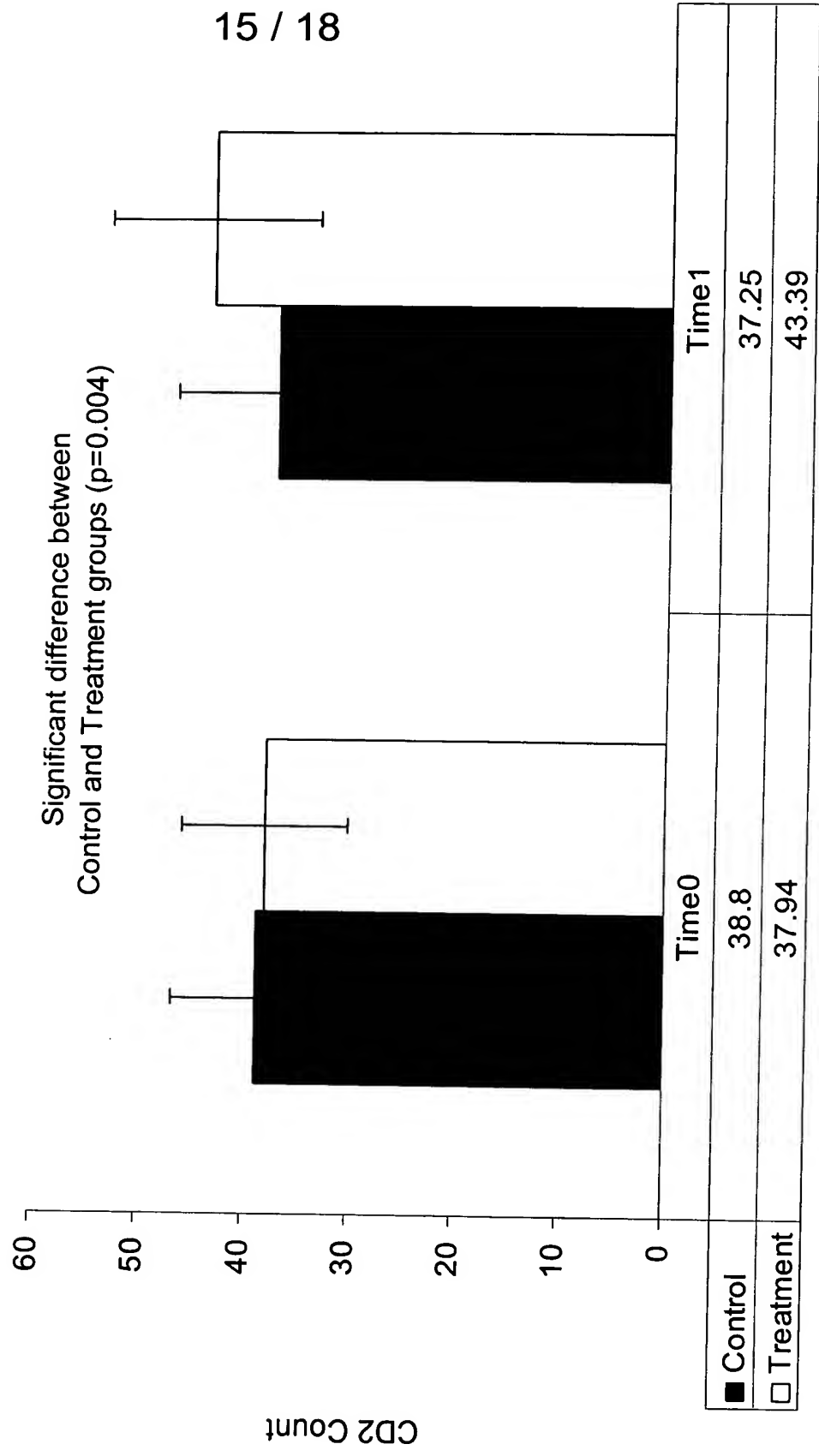
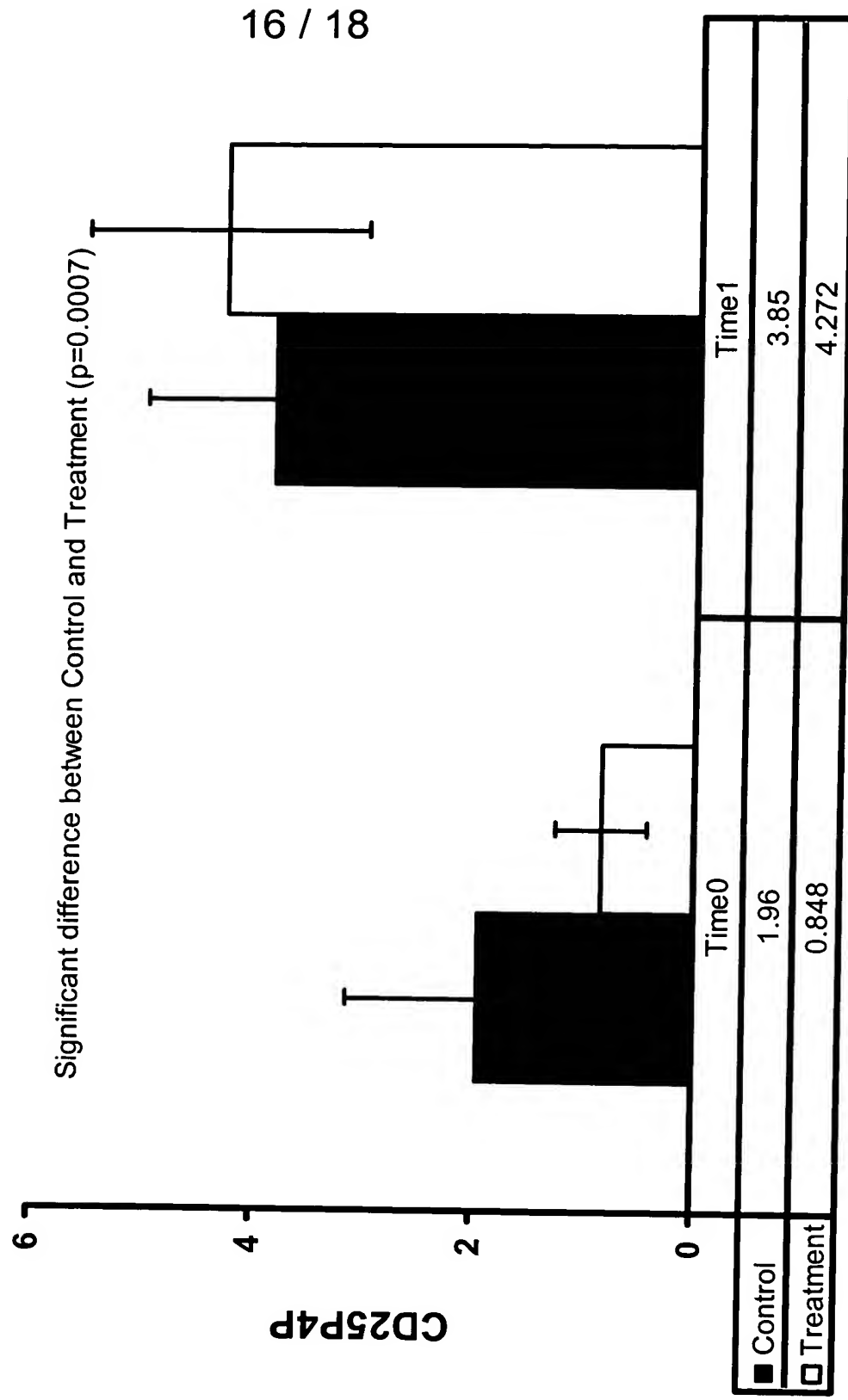


Figure 14



Time

Figure 15



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Time
Figure 16

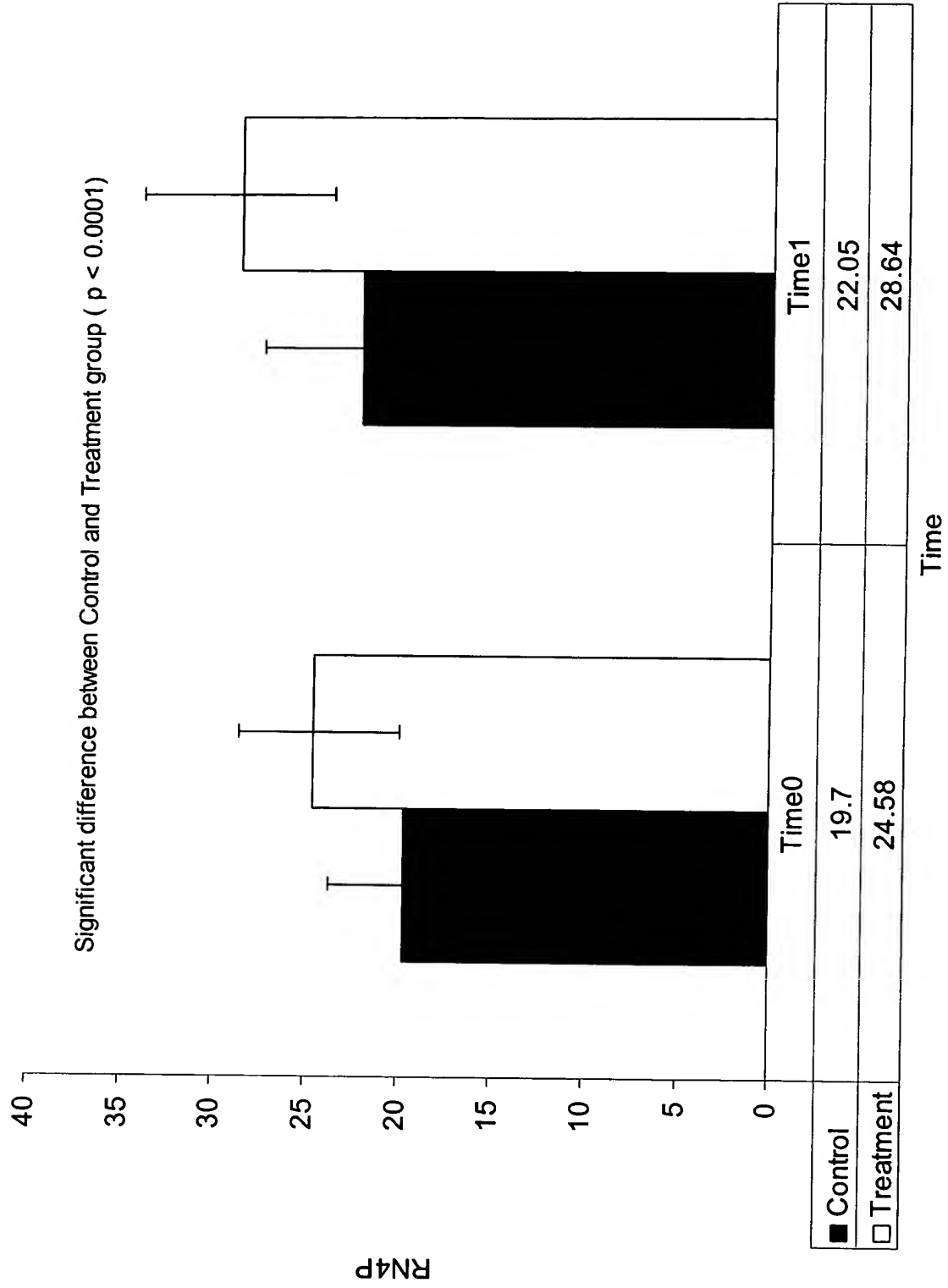


Figure 17

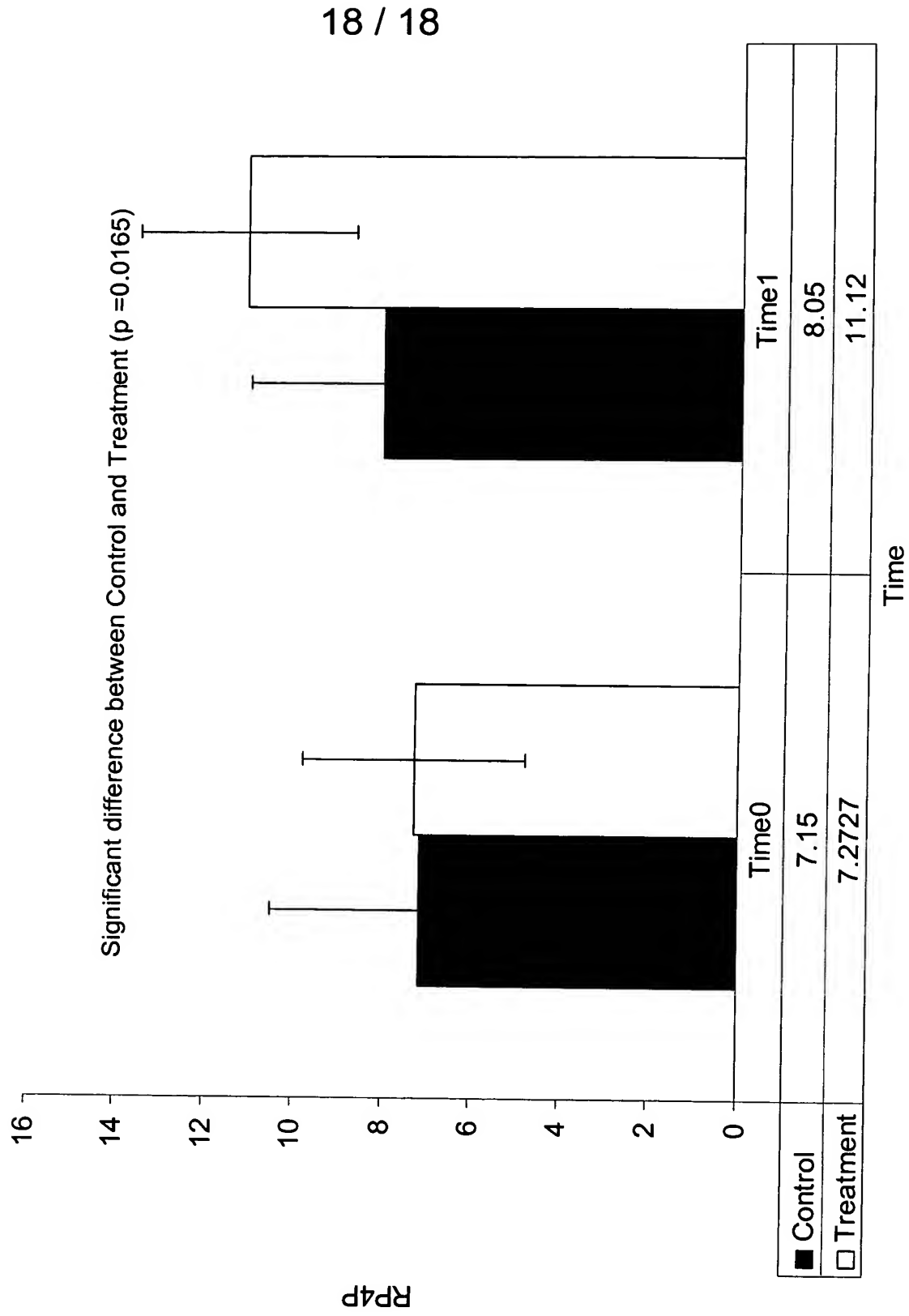


Figure 18